



PATENT  
Customer No. 22,852  
Attorney Docket No. 3806.0050-02

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
 )  
BLANCHE et al. ) Group Art Unit: 1652  
 )  
Application No.: 10/724,598 ) Examiner: K. Kerr (Prior Appln.)  
 )  
Filed: December 1, 2003 ) Confirmation No.: 8180  
 )  
For: METHODS OF INCREASING THE PRODUCTION  
OF COBALAMINS USING COB GENE EXPRESSION (As Amended)

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**SUPPLEMENTAL PRELIMINARY AMENDMENT**

Prior to the examination of the above application, please amend it as follows:

**Amendments to the Specification** are included in this paper.

**Amendments to the Claims** are reflected in the listing of claims in this paper.

**In the Abstract:** A copy of an Abstract is attached as a separate paper following  
the Remarks.

**Remarks** follow the amendment sections of this paper.